CHARLES COUNTY GOVERNMENT

Department of Fiscal and Administrative Services - Purchasing Division
Telephone: 301-645-0656

ITB NO. 20-35, MATTAWOMAN WWTP FLOW EQUALIZATION BASIN

ADDENDUM NUMBER FIVE

TO: All Bidders

Please be advised of the following modification(s) & information related to Invitation to Bid (ITB) 20-35. These modifications, comments, and attachments are hereby made a part of the solicitation documents to the same extent as if bound therein.

1. Changes – ITB Solicitation Document

A. Part III – Special Provisions, Section 2.7 – Geotechnical Testing

Delete the paragraph in its entirety and replace with the bold and italicized text:

The County will obtain the services of a 3rd party geotechnical inspection firm to perform testing on materials as required. Tests will be performed, but not be limited to, when installing the following: select fill material, trench backfill, concrete, and preparation of subgrades. The County's geotechnical field representative shall verify that soil bearing capacity at subgrade meets minimum bearing specified. The Contractor shall not undertake any works until the geotechnical field representative has provided the necessary confirmation that the subgrade meets the requirements of the specifications.

2. Changes - Appendix 1 – Drawings & Specifications - Drawings – 200508.pdf

A. Appendices – Appendix 1 – Drawings & Specifications

Add the bold and italicized text as the next bullets:

- ***ITB 20-35 APPENDIX 1 – Changes to Drawings – 200709.pdf***
- ***ITB 20-35 APPENDIX 1 – Abandoned Primary Clarifiers Record Drawings – 200709.pdf***

Drawings are available for download from the Charles County Bid Board via the County's website by following these steps:

1. Go to http://www.CharlesCountyMD.gov/.
2. Select "Business", then "Online Bid Board".
3. Locate the project from the list.

B. ITB 20-35 APPENDIX 1 – Changes to Drawings – 200709.pdf

1. Refer to Figures 01 and 02 for changes to Drawing M004
2. Refer to Figure 03 for changes to Drawing C004
3. Refer to Figure 04 for changes to Drawing C005
4. Refer to Figure 05 for changes to Drawing C007
5. Refer to Figure 06 for changes to Drawing C010

6. Refer to Figure 07 for changes to Drawing C012
7. Refer to Figure 08 for changes to Drawing C014
8. Refer to Figure 09 for changes to Drawing C015
9. Refer to Figure 10 for changes to Drawing C034

C. Sheet No. G003 – Abbreviations and Notes

a. General Notes, Item G

Second sentence, after "ALL NEW STRUCTURES" insert "(EXCLUDING THE PRIMARY EFFLUENT DISTRIBUTION STRUCTURE, REFER TO DETAIL DRAWINGS)".

D. Sheet No. C004 – Proposed Site Grading and Stormwater Drainage Plan North

Plain view, top left, change note "Primary Clarifier No. 5" to "Primary Clarifier No. 1"

E. Sheet No. S001 – Structural Design Criteria, General Notes, Symbols and Abbreviations

a. General Structural Notes, Part 4 – Foundations, Item C

Delete the note in its entirety

F. Sheet No. M001 – Liquid Process Flow Diagram and Design Criteria

a. Right hand side, upstream "RAS MIXER"

Replace the bold lines around the three flow meters from RAS PS No. 1, 2 and 3 with standard line type to indicate that these items are "existing piping"

G. Sheet No. M008 – Existing Pipe Gallery Demolition Plan

Change all notes that state "6" WAS" to "8" WAS"

H. Sheet No. M009 – Existing Pipe Gallery Demolition Sections

Change all notes that state "6" WAS" to "8" WAS"

I. Sheet No. M012 – Existing Pipe Gallery Modification Plan

Change all notes that state "6" WAS" to "8" WAS"

J. Sheet No. M013 – Existing Pipe Gallery Modification Sections

Change all notes that state "6" WAS" to "8" WAS"

K. Sheet No. E004 – Circuit Schedule and Underground Distribution Duct Bank Sections, Schedule and Details

a. For circuits CC-05-11-01 to CC-05-11-03 and CC-05-11-05 to CC-05-11-07

Change conductors to "2-#12, 14-#14, 1-#12G"

b. For circuit CC-05-11-04

Change conductors to "2-#12, 20-#14, 1-#12G"

L. Sheet No. E018 – Wet Well Conduit Riser Diagram

Each conduit tag just above the CP symbol for FEQ Pumps 1 to 3 and 5 to 7:

Change the tag to "3/4"C w/2-#12, 12-#14, 1-#12G"

M. The following sheets are reissued in full:

a. C009 – Traffic Control Plan and Details

b. C029 – Stormwater Management Partial Plans and Profiles 1

c. C030 – Stormwater Management Partial Plans and Profiles 2

3. Changes – Appendix 1 – Drawings & Specifications – Specifications – 200508.pdf

A. Section 09900 – Painting - Table A-3 Note c):

Delete first sentence and replace with "***All metal electrical conduit in the pipe gallery shall be PVC coated galvanized steel per the Conduit Installation Schedule in Section 16110***"

B. Section 17480 – Variable Frequency Drives

Change all instances of "Profibus" to "Ethernet/IP"

C. Section 16110 - Raceways

Page 19, subheading "Embedding in Concrete Walls or Slabs (including spare ducts)", row titled "Instrumentation Circuits (24Vdc, 4-20mA, Network Communications)"

- Delete the "X" in the Conduit Type D column

4. Written Questions Received

#	Question	Response
1.	There are what appear to be ten (10) bollards shown on the Yard Piping Partial Plan 2 on Sheet C012; however, I cannot find a callout on the drawing which confirms them to be bollards. Can you clarify if there are bollards per the below? • Five (5) bollards at the Flow Equalization Flow Control Vault • Five (5) bollards at the Flow EQ Basin Access Stair North Wall • Zero Bollards at the Transformer Pad	A total of twenty (20) bollards shall be installed. Of these, six (6) shall be removable bollards. A summary of bollard installations is provided below: • Four (4) permanent bollards at the access road card reader – refer to Detail 4 on Sheet C035 • Five (5) permanent bollards at the FEQ basin flow control vault • Five (5) permanent bollards at the FEQ access stair, North Wall • Six (6) removable bollards on the transformer pad at the North Wall of the FEQ basin, per the Detail 5B added to Sheet C034 Refer to ***1. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.

2.	Ref 01501-1.02 – a. Provide flow rates (max and avg daily) for all the temp facilities described in articles A through G (as applicable). b. Is there ample power to run electric pumps versus diesel powered? c. Confirm who is responsible for fuel and/or electric costs for by-pass pumping. d. Please provide further clarification as to the size, location, frequency of moves for the "Multiple bulkheads" described in Article 1.02.G.5. e. Provide locations of Line Stops required as described in Article 1.02.E. f. Ref: Article 1.02.C - Please consider removing the responsibility of the Contractor to "take whatever measures necessary to proceed with construction" and placing this on the Owner. g. Provide further direction as to the temporary piping (schematically at a minimum) required as described in Article 1.02.G.4 please.	a. Flow rates: 1. 36" influent main: 12.5 mgd ave, 40 mgd max 2. RAS piping: allow 5 mgd to each in service reactor 3. Primary Sludge: 90 to 210 gpm 4. WAS: 50 to 160 gpm 5. Scum: flow rates unknown, Contractor to match existing pipe sizes throughout 6. Recirculated Sludge: can be shut down for the full contract duration, no temporary services required. b. Plant power is not available for temporary pumping. c. The Contractor. d. Refer to M014, Reactor Plan, which shows the full extents of the existing reactor influent channel. Bulkheads will be required to isolate each existing influent weir gate in order to remove it and infill the void. Suggested sequential bulkhead locations in the reactor influent channel: 1. At the dividing wall between reactors 1 & 2. 2. To the east of the existing bypass pipe discharge location. 3. At the dividing wall between reactors 3 & 4. 4. To the east of the existing PC-1 effluent pipe discharge location. Bulkheads shall be the same height as the existing influent channel walls (see as-builts attached) and shall be sized to retain fluid at full channel depth. e. To clarify, it is anticipated that isolation of existing services will be achieved with existing valves and therefore it is not expected that line stops will be required. However, if the Contractor identifies a requirement for line stops as part of their proposed methodology, then they will be responsible for providing them. f. Request declined; Article 1.02.C applies in full. g. Small diameter services in the pipe gallery (8" and below, excluding recirculated sludge) that are to be relocated as part of the works (refer M008 to M013) shall be temporarily diverted

#	Question	Response
		at floor level within the gallery, using temporary piping or hoses (method and means TBD by the Contractor), along the full replacement length. Diversion is required to provide the Contractor with sufficient working room to install the new 36" MLSS piping at high elevation. The Contractor shall utilize existing flange connection points upstream and downstream of the replacement sections to connect the temporary piping for Primary Sludge and Scum lines. For WAS flows, the Contractor shall provide a 4" pipe tapping on the "temporary blind flange" shown on Drawing M010, which will provide an upstream connection point for WAS suction piping. Shutdowns for temporary piping connections shall be coordinated with County Operations.
3.	Solicitation 2.9.3: Please confirm the bi-weekly progress meetings will not commence until after the NTP has been issued.	Confirmed.
4.	M008: What is the allowable shutdown time for the existing WAS and PS piping in the pipe gallery?	Eight (8) hours, subject to coordination and pre-planning with site operations.
5.	01010 Sequence of Work: Please reference the shutdown window language. Two (2) hours may not be adequate for some of the scopes of work. Will there be any windows of time (off-hours or non-peak) that would allow for longer shut-down windows?	No. The two (2) hour shutdown allowance at the plant influent PS already applies to off-peak, low flow periods. However, a longer shutdown (4 hours) can be achieved downstream of the primary clarifiers, subject to coordination and pre-planning with site operations.
6.	Refer to article 1.02.G.7. on page 1501-2 regarding temporary closures in the Primary Splitter Influent Box to reduce the effective weir lengths by 50%. Please confirm if this work is required as it was not shown on the contract drawings. If so, is this work to be done when the temporary piping is installed in the Primary Splitter Influent Box per 1.02.G.7? Please provide some details and context for this work.	Details and sequence information for the required works have been added to drawing M004. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.

#	Question	Response
7.	Refer to drawing M6. The 36" PE piping from the Primary Clarifier Bypass to the PEDB needs to have the tie-in performed when the piping is being modified to Reactor 3. However, the PEDB influent channel will be full. In addition, the 48" PE piping from the Primary Clarifier #1 to the PEDB needs to have the tie-in performed when the piping is being modified to Reactor 5. These will need to be performed at two separate times after the PEDB is in service. Therefore, the PEDB influent channel will be full. What is the intent so these tie-ins can be performed without backflow from the PEDB influent channel? The owner may want to install sluice gates/stop plates prior to the PE Influent Pipe Baffle where these pipes enter the PEDB. Please clarify.	1. The new bypass pipe shall be constructed at the same time as the PEDB structure. The final piping connection at the existing PISB shall be completed prior to filling the PEDB. This will be achieved by utilizing PC-2 as buffer storage for a period of four (4) hours. Connection period shall be coordinated and scheduled with the County and shall occur during low flow period. 2. A bulkhead will be required within the influent channel of the PEDB structure to enable the final yard piping connection from PC-1 to be completed. The bulkhead shall be located at the diving wall between the effluent chambers to reactors 5 & 6 and shall extend to the full depth of the PEDB influent channel. A plug shall be installed in the incoming 48" line outside of the structure (i.e. in the yard piping) at a location to be decided by the Contractor. The plug shall remain in place with the Contractor completes work on the 48" piping. When the final piping connection is complete, the plug shall be removed. In order to remove the bulkhead, the existing effluent sluice gates on PC-1 and PC-2 shall be closed and the PC tank volumes will provide buffer storage so that the PEDB influent channel can be pumped out to enable bulkhead to be removed. Shut down timing to be coordinated with County operations to coincide with low flow period. Shut down duration of four (4) hours is available.
8.	C012 calls out the drain from the UW Booster PS to the Flow EQ Flow Control Vault as being 4" DIP, but M029 show the line as being 3" PVC. Please clarify which is correct.	Refer to Addendum 4.
9.	Is there a preferred access point into the existing pipe gallery suitable for the removal of demolished piping and new piping to be installed? If there is not, will the Contractor be allowed to open a hole in the pipe gallery top slab and/or walls in order to establish the necessary access for materials?	Refer to Addendum 4.
10.	On Dwg. Sht. 8 (C004), please confirm the reference to Primary Clarifier No. 5 should be Primary Clarifier No. 1.	Confirmed. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
11.	Please confirm if contaminated soil is anticipated to be encountered? Please confirm that the County will be considered the Generator in the case it is encountered.	There are no known issues with contaminated soil on site. If contaminated soil is encountered, it will be considered outside of the scope of the contract.

#	Question	Response
12.	Field exploration of the WAS line located in the pipe gallery indicates it is an 8" line, while the contract documents show it as a 6" line. Please confirm which is correct.	The existing WAS line is 8" diameter to the west of the tunnel intersection. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
13.	No indication is given in the drawings of access to the pipe gallery for materials such as pipe and valves. Please confirm that it is acceptable to sawcut the wall/top slab of the pipe gallery in order provide a large enough opening, if needed. Concrete would be poured back after work is complete.	Refer to Addendum 4.
14.	Refer to detail 1 on drawing M3. After field investigation it appears that the locations of the 24" Plant Influent pipe from the pumping station coming into the middle of the splitter box and the 48" Future pipe coming in from the southwest into the bottom middle of the splitter box are switched. This creates an issue with constructability since the current sequence has us connecting the 20" Equalization Return piping into the 48". This will not be dewatered as the 48" enters the splitter box north of the stop log frame. In addition, the current design creates issues with future operation of the plant as the Equalization Return pipeline will always be full of water and cannot be isolated. Please investigate and confirm the locations of all the pipelines entering/exiting the splitter box and provide a new drawing with how this affects the equalization influent and equalization return pipelines. While performing other work at the splitter box we were made aware that the as-built drawings of this structure, which are the current contract drawings for this bid, were incorrect. There was discussion regarding this issue during the Closed Loop project sometime from approximately 4-3-2019 to 5-29-2019.	Further field investigation has been undertaken by the County and it has been confirmed that drawing M003 is correct as issued; the 24" influent main is in the center of the chamber and the 48" future connection is located to the south. No drawing amendments are required.
15.	Please confirm that this project contains no aluminum louvers pertaining to specification section 15940 as called out on the Exterior Color and Finish Schedule (Dwg A001). This section was not included in the complete specification set.	Confirmed.
16.	Spec. 09900 Table A-3 Note c. specifies that electrical conduit shall be painted to match the background. The walls of the existing pipe gallery appear unpainted. Please clarify the intended finish of metal conduit in the pipe gallery.	Galvanized. Refer to ***3. Changes – Appendix 1 – Drawings & Specifications – Specifications – 200508.pdf*** of this addendum.
17.	Spec. 09900 Table A-3 Notes c and d contradict. Please confirm that PVC conduit shall not be painted.	PVC or PVC-coated conduit is not to be painted. Note c) is about conduit and Note d) is about pipe, so there is no contradiction.

#	Question	Response
18.	Spec. 09900 Table A-2 calls for paint system M-3 to be used on non-submerged DIP, steel pipe, supports and valves. Paint system M-3 specifies it is to be used on submerged ferrous metals. Please confirm that paint system M-3 is to be used on non-submerged pipes, supports, and valves, including those in the pipe gallery.	Confirmed.
19.	Please clarify the criteria for a surface needing "Uncertain Base Coat", paint system M-8.	Surfaces with uncertain base coat are previously painted surfaces where conditions do not allow complete removal and SSPC 6, SSPC 10 or SSPC 16 preparation; and the chemistry of the remaining primer or finish coats is not known. The intent of M-8 is to coat such surfaces with a primer with low or no solvents to damage the retained coating.
20.	Please clarify that the pipe gallery walls are to remain unpainted.	Pipe gallery walls are to remain un-painted.
21.	For the Variable Frequency Drives, specification section 17480-9, item 9, mentioned that the VFD shall communicate directly with the system PLC utilizing Profibus communication protocol. And section 17480-10, item B. Networking Communications, states each VFD shall be provided with Ethernet Communications for network connection. Please clarify which communication protocol each drive will need.	Communications with the PCS are to be via hard-wired signals as shown on the Contract Drawings and the I/O Table in Section 17010. Network communications will only be used for connection to a computer in accordance with Section 17480, Article 2.05-B. For the design basis VFD, Altivar Process ATV630, network communications will be Ethernet/IP. Refer to ***3. Changes – Appendix 1 – Drawings & Specifications – Specifications – 200508.pdf*** of this addendum.
22.	Specification section 17480 – Part 1 General, 1.01.G, requires output filters for the VFD Panels. Are the motors for the VFDS greater than 150 feet?	Motors are less than 150' from VFDs. Output filters are not required.
23.	Specification section 17480-6, item B.1 states by-pass contactors. The electrical drawing E025 (Sheet 127 of 149) does not show by-pass contactors are require for the VFD panels. Are by-pass contactors required for the VFD Panels?	Bypass contactors are not required for VFD control panels.
24.	Specification section 17010-1, item E.7 states manufacturer's configuration and startup services for VFD and SSRV, and digital power monitors, switches, PLC, and related components. Section 17010-3, item 21. Provide VFD and SSRV control panels with project specific wiring as required to provide a complete and functioning system. Section 17010-11, item 3. States to furnish or fabricate SSRV control panels. Are SSRV required for this project? If yes, please provide specifications and electrical drawing requirements.	There are no SSRVs required for this project.

#	Question	Response
25.	Specification section 17010-14, item 3.09, Field Modifications – states the CSI shall perform modifications to existing PCS cabinets. Can you clarify or explain the field modifications that are required?	There are no modifications to existing PCS cabinets included on this project.
26.	Specification section 17100-15, item 2.08, Data Station Protocol Converter. Based on the current P&ID Contract drawings, it is not shown utilized. Is the Data Station Protocol Converter required for this project?	Data station protocol converter is required only if needed to establish network communications between PCS and digital power monitors specified in Section 16486. Electrical Contractor and CSI to coordinate in accordance with Section 16486, Article 3.03-L.
27.	E004, E018: Circuit ID's "CC-05-11-01 through -07", (from PB-EB-AC2 to tee condulet) provides (14) #14's & (1) #12 ground (plus spares). However, from 'tee' to FEQ Pump Control Panels indicates an additional (2) #12's. Should an additional (2) #12's be provided within ID's CC-05-01 through -07 from PB-EB-AC2 to the 'tee'?	The additional (2) #12's are required for power to pump protection CPs. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
28.	02245: Please confirm that if unsuitable soils are discovered at subgrade or if over excavation is required by the engineer, the contractor will be compensated for these costs.	Confirmed. Any over-excavation beyond that detailed on the contract drawings will be paid via contingent items or change order.
29.	16110: Reference specification section 16110-3.05. A, Pg. 19. Under conduits embedded in concrete walls or slabs for 24vdc, 4-20mA, and network communications, both schedule 40 PVC, and PVC Coated GRS are indicated to be utilized. Other than turn ups for all, what system(s) require installation of PVC Coated GRS within concrete walls and slabs.	Conduits containing instrumentation circuits (24Vdc, 4-20 mA, network communications) embedded in concrete walls or floor slabs shall be PVC coated RGS (Type E-1). Refer to ***3. Changes – Appendix 1 – Drawings & Specifications – Specifications – 200508.pdf*** of this addendum.
30.	C016: Are there any additional locations on site that the owner would allow to be utilized for laydown or temporary stockpiles?	The Contractor is limited to the project LOD for laydown/ stockpiles as this is a permitted item.
31.	Solicitation Section 2.4 and Addendum 3: Please confirm that any required wetland permits have been acquired and paid for by the Owner and there will be no fees required by the contractor.	An MDE Joint Permit has been paid-for and obtained for this project. This permit gives the project authorization to disturb the existing wetlands as shown on the contract drawings. There will be no fees required by the Contractor relating to wetland disturbance, provided the Contractor adheres to the contract drawings and does not disturb any areas beyond the project LOD.
32.	Solicitation 2.7: Please confirm that the Contractor, not the Owner is responsible for geotechnical testing.	Confirmed. Per *Part III – Special Provisions, 2.7 – Geotechnical Testing* of the solicitation, the Contractor shall obtain a 3rd party to perform testing on materials as required.

#	Question	Response
33.	Specification 15060, 2.02 F Ductile Iron Fittings, allows MJ fittings 48" and smaller, the pipe schedule under Joint Type says MJ where noted, please confirm MJ fittings are acceptable for 48" and smaller.	MJs can be used for fittings (bends, tees, etc.) but not for standard jointing of straight pipe lengths. Section 15060 2.02-F-5 governs, "5. *Mechanical Joints: a. Provide at locations shown on the Drawings.; b. Where not shown on the Drawings, mechanical joint fittings can be used for buried applications on pipes 48-inch diameter and less with test pressures less than or equal to 150 psig.; c. Restrain with EBAA Iron "Megalugs" at each point of connection*.".
34.	Please consider allowing C153 fittings in lieu of the C110 fittings specified in 15060 2.02 F. These fittings are more economical, and availability is better.	C110 fittings shall be used as directed in the Specifications. Full body (C110) fittings are required to manage hydraulic losses.
35.	Drawing S-001 General Structural Notes Part 4 foundations Part C states to follow Specification section 07110 for the below grade damp propping on all concrete, and for the membrane water proofing at all joints. Specification Section 07110 was not provided. Please provide.	Dampproofing or waterproofing of the exterior of the concrete structures is not required for this project. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
36.	Dwg. M001 (mid-center right side of the drawing) three (3) RAS Flow-Meters are shown in Bold outline which would seem to indicate they would be NEW. Spec. Section 17200 (INSTRUMENTATION) does not list them. Please advise if they are required.	These items are clamp-on flow meters that will be installed as part of the Electrical & Automation upgrades at MWWTP and are not included in the scope of this contract. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
37.	C010 shows cutting and capping two branches and the main run of an existing 36" INF line. Please advise what material this pipe is made of.	Ductile iron.
38.	No insulation or heat tracing is indicated for the piping at the Utility Water Booster PS, or any of the UW piping at the EQ Basin. Please confirm none is required.	Trace heating is not required at this location – piping will be drained when not in use.
39.	Dwg. Sht. 3 (G003), General Demolition Notes, Q & R, state that the Mattawoman WWTP contains both lead and asbestos in excess of Federal and State guidelines and that the Contractor shall follow all applicable guidelines in performing work in affected areas. Has an Environmental Assessment of the project been performed and if so, is it available to the Contractors?	An Environmental Assessment has not been performed as part of this project.
40.	Drawings C016 & C017 do not delineate an area to remove 4" of existing gravel and replace with No. 57 stone as stated in Note 2.	Contractor shall make use of the designated stockpile/ staging areas for temporary storage of removed materials. If the material is not suitable for reuse, it is the Contractor's responsibility to remove and dispose of it off-site.

#	Question	Response
41.	Will the limit of disturbance be expanded to accommodate stripped topsoil and excavated materials to be used for re-spread and backfill? The contractor stockpile / staging area shown on drawing C016 is not sufficient.	The limits of disturbance shown on the plans will not be expanded to accommodate stockpile of stripped materials. With prior approval from the responsible E&S inspectors, and the County, the Contractor may be able to expand the provided stockpile areas within the project limits of disturbance.
42.	Is there a permanent disposal site designated for this project?	A designated disposal site has not been identified for this project. It is the Contractor's responsibility to dispose of excess materials in accordance with all State and Local Regulations. Refer to Note #13 of the Erosion and Sediment Control Sequence of Construction on Sheet C020.
43.	The layback for the excavation of the Primary Effluent Distribution Structure will encroach into the existing abandoned primary clarifier. Please provide a structural drawing showing the elevations for the Ex. abandoned primary clarifier or confirm that shoring will not be required.	For the existing abandoned primary clarifiers refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
44.	There is proposed sidewalk hatching shown around the perimeter of the Primary Effluent Distribution Structure. Confirm that sidewalk is to be installed instead of the mowing strips referenced on drawing G003 - see General Notes G.	Confirmed. Sidewalk is to be installed around the PEDB structure. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.
45.	Please identify where or if curbing is to be installed. There is a curb detail on drawing C036, but there isn't a line type designated in the legend and it's not called out on the drawings.	Curb and gutter is anticipated on the access road from Hawthorne Road to the storm inlets adjacent to the existing cell tower. Curb and gutter should also be installed on the northern edge of pavement on the access road at the north face of the FEQ basin, from Storm Inlet-4 to Inlet-2 then squared into the side of the FEQ Basin. Refer to Detail #8 on Sheet C036 for the proposed curb and gutter to be used in these areas. Collectively, this equates to approximately 1,130 feet of curb and gutter. Refer to ***2. Changes – Appendix 1 – Drawings & Specifications – Drawings – 200508.pdf*** of this addendum.

*****END OF ADDENDUM*****